

PATENT COOPERATION TREATY
PCT
INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY
(Chapter II of the Patent Cooperation Treaty)
(PCT Article 36 and Rule 70)

Applicant's or agent's file reference 684085C	FOR FURTHER ACTION		See Form PCT/IPEA/416
International application No PCT/AU2004/001743	International filing date (<i>day/month/year</i>) 9 December 2004	Priority date (<i>day/month/year</i>) 16 December 2003	
International Patent Classification (IPC) or national classification and IPC Int. Cl. A61M 5/34 (2006.01) A61M 5/50 (2006.01)			
Applicant AUSTIN, Peter George et al			

1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36. 2. This REPORT consists of a total of 3 sheets, including this cover sheet 3. This report is also accompanied by ANNEXES, comprising: a. <input checked="" type="checkbox"/> (<i>sent to the applicant and to the International Bureau</i>) a total of 9 sheets, as follows: <input checked="" type="checkbox"/> sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions). <input type="checkbox"/> sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box. b. <input type="checkbox"/> (<i>sent to the International Bureau only</i>) a total of (indicate type and number of electronic carrier(s)) , containing a sequence listing and/or table related thereto, in electronic form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).
4. This report contains indications relating to the following items: <input checked="" type="checkbox"/> Box No. I Basis of the report <input type="checkbox"/> Box No. II Priority <input type="checkbox"/> Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability <input type="checkbox"/> Box No. IV Lack of unity of invention <input checked="" type="checkbox"/> Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement <input type="checkbox"/> Box No. VI Certain documents cited <input type="checkbox"/> Box No. VII Certain defects in the international application <input type="checkbox"/> Box No. VIII Certain observations on the international application

Date of submission of the demand 5 July 2005	Date of completion of this report 21 February 2006
Name and mailing address of the IPEA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaustralia.gov.au Facsimile No (02) 6285 3929	Authorized Officer  DAVID MELHUISH Telephone No. (02) 6283 2426

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No

PCT/AU2004/001743

Box No. I Basis of the report

1. With regard to the language, this report is based on:

The international application in the language in which it was filed

A translation of the international application into
translation furnished for the purposes of:

- international search (under Rules 12.3(a) and 23.1(b))
- publication of the international application (under Rule 12.4(a))
- international preliminary examination (Rules 55.2(a) and/or 55.3(a))

2. With regard to the elements of the international application, this report is based on (*replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report*):

the international application as originally filed/furnished

the description:

pages 1 – 18 as originally filed/furnished

pages* received by this Authority on with the letter of

pages* received by this Authority on with the letter of

the claims:

pages as originally filed/furnished

pages* 19, 22, 23 received by this Authority on 5 July 2005 with the letter of 5 July 2005

pages* 20, 21, 24-26 received by this Authority on 27 January 2006 with the letter of
27 January 2006

pages* 27 received by this Authority on 16 February 2006 with the letter of 15 February 2006

the drawings:

pages 1/8 – 8/8 as originally filed/furnished

pages* received by this Authority on with the letter of

pages* received by this Authority on with the letter of

a sequence listing and/or any related table(s) - see Supplemental Box Relating to Sequence Listing.

3. The amendments have resulted in the cancellation of:

- the description, pages
- the claims, Nos
- the drawings, sheets/figs
- the sequence listing (*specify*):
- any table(s) related to the sequence listing (*specify*):

4. This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).

- the description, pages
- the claims, Nos
- the drawings, sheets/figs
- the sequence listing (*specify*):
- any table(s) related to the sequence listing (*specify*):

* If item 4 applies, some or all of those sheets may be marked "superseded."

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/AU2004/001743

Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
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1. Statement

Novelty (N)	Claims 1 – 25	YES
	Claims	NO
Inventive step (IS)	Claims 1 – 25	YES
	Claims	NO
Industrial applicability (IA)	Claims 1 – 25	YES
	Claims	NO

2. Citations and explanations (Rule 70 7)

Claims 1 – 25:

Claims 1 to 25 meet the requirements of PCT Articles 33(2) – (4). None of the prior art documents, or obvious combination thereof, disclose a syringe with resilient means to retract a needle wherein the resilient means has a restrained condition that limits forward movement of the needle. Nor does the prior art disclose or suggest a syringe that retracts the needle into a plunger wherein means blocking an opening at the front of the plunger are first broken, and thereafter continued movement of the plunger causes the needle to be retracted back into the plunger. Claims 1 to 25 are therefore novel and inventive. The claims also have industrial applicability.